

Amendments to the Specification:

To the Specification:

Please replace paragraph [0029] with the following amended paragraph:

[0029] The operations of the web cutter 10 are synchronized by a control system 29. Sensors 32, 33 may be provided to detect the presence of the dancer roll 24, wherein the sensors may include photo-detectors 32, 33 that sense a signal such as a light source 34, 35. 35 that is interrupted by the presence of the dancer roll 24. In other embodiments other types of sensors may be used to sense the position of the dancer roll. The control system 29 receives a signal, such as the signal from the accumulator system sensors 32, 34, and 33, 35 to control the speed of the web cutter 10. It will be appreciated that the control system 29 may be integrated with other control systems 21 in a single unit. It will be appreciated that the long term average speed (length of web processed in a given time) of all the web processes must be the same. The accumulator only accommodates instantaneous differences in speed between adjacent processes. When the dancer roll 24 rises above the upper sensor 32, 34 the cutter may be signaled to reduce its speed. Conversely, when the dancer roll 24 falls below the lower sensor 33, 35 the cutter may be signaled to increase its speed. In other systems, the speed of the web cutter 10 may be set to a particular value and the speed of preceding operations may be adjusted to match the speed of the web cutter.

Please replace paragraph [0033] with the following amended paragraph:

[0033] The synchronization of web cutting to web clamping may be improved by providing a sensor 37, 43 37 that provides a position signal when the cutting knife 27 is at a predetermined position that is substantially different than the resting position. The sensor 37, 43 37 may be a photo-detector 37 that detects light from a light source 43 passing through an opening 38 in the cutting knife. Other forms of sensors that will provide a reasonably accurate and repeatable position signal based on the position of the cutting knife may be used. The sensor may detect when the cutting knife is just touching the web, when the cutting knife is fully advanced, or some other position that is substantially different than the resting position of the cutting knife.